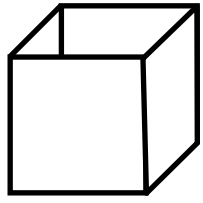
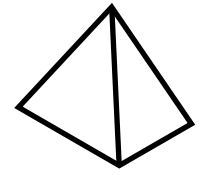
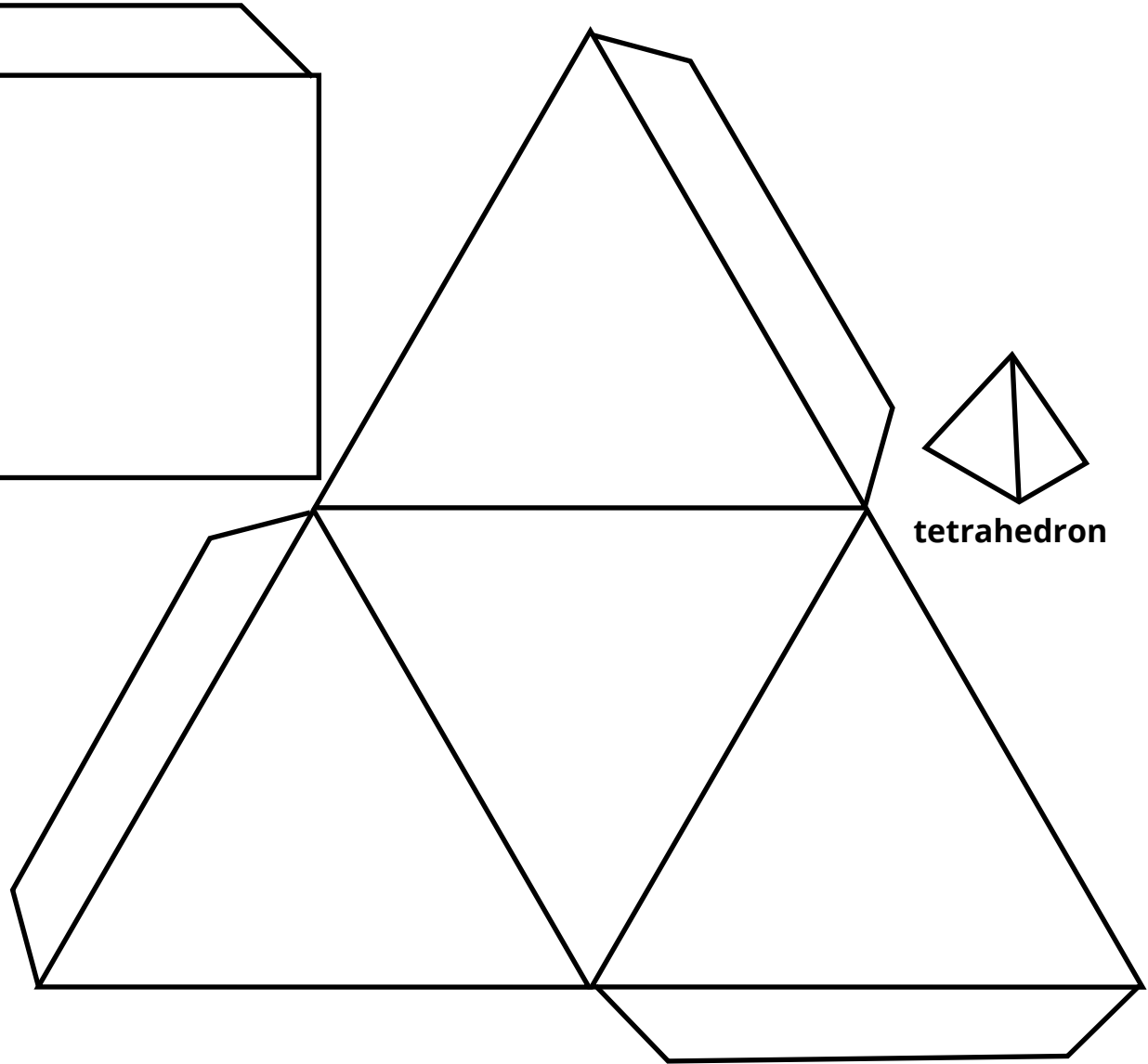
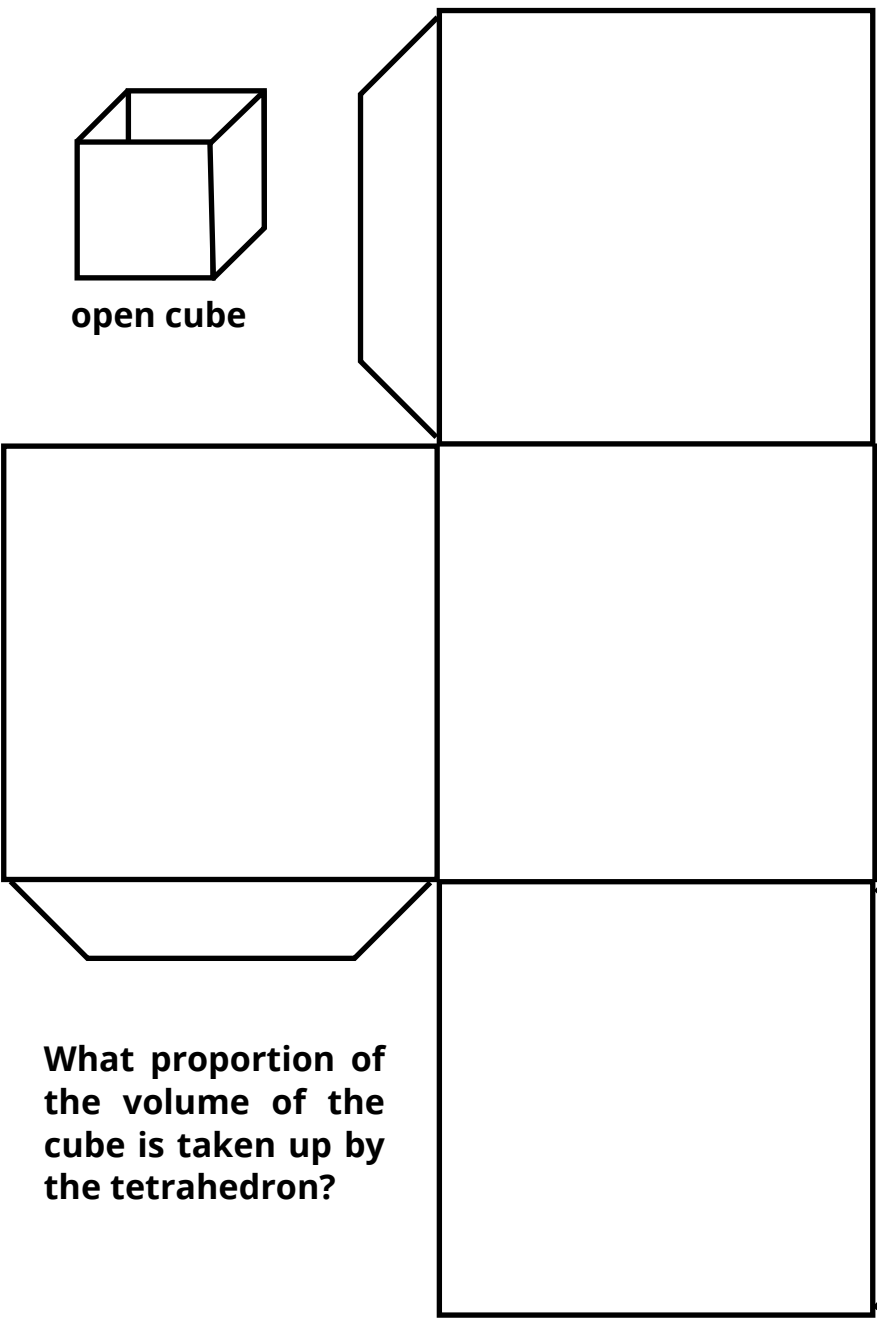


Print or glue this sheet onto stiff card. Cut out, fold and glue these nets into an open cube (with no top) and a closed tetrahedron (pyramid). Can you fit the tetrahedron inside the cube?

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open cube



tetrahedron

What proportion of the volume of the cube is taken up by the tetrahedron?